



## INFORMATION DISCLOSURE CITATION

OMB No. 0651-0011

|                  |                        |            |            |
|------------------|------------------------|------------|------------|
| Atty. Docket No. | 0651-00000             | Appln. No. | 10/822,938 |
| Applicant        | Chin Ying HSIAO et al. |            |            |
| Filing Date      | April 12, 2004         | Group:     | 1653       |

## U.S. PATENT DOCUMENTS

| Examiner Initial* | Document Number | Issue Date    | Name         | Class | Sub Class | Filing Date If Appropriate |
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| <i>Sm</i>         | 5,106,949       | Apr 21, 1992  | Kemp et al.  |       |           |                            |
| <i>Sm</i>         | 5,436,135       | Jul 256, 1995 | Tayot et al. |       |           |                            |
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## FOREIGN PATENT DOCUMENTS

| Document Number | Publication Date | Country | Class | Sub Class | Translation Yes or No |
|-----------------|------------------|---------|-------|-----------|-----------------------|
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| Examiner  | <i>Luzanne M. Mayer</i> | Date Considered   | <i>09 March 2005</i> |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                         |   |                      |
| Form PTO 1449   |                         | Patent and Trademark Office - U.S. Department of Commerce |                      |

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

|       |   |    |   |                    |            |
|-------|---|----|---|--------------------|------------|
| Sheet | 1 | of | 1 | Application Number | 10/822,938 |
|-------|---|----|---|--------------------|------------|

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|------------------------|-----------------|
| Filing Date            | April 12, 2004  |
| First Named Inventor   | Chin Ying HSIAO |
| Art Unit               | 1653            |
| Examiner Name          | Not Yet Known   |
| Attorney Docket Number | 09395.0001      |

## U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

| Examiner Initials | Cite No. <sup>1</sup> | Document Number                          | Issue or Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
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| Smm<br>↓          |                       | US-3,616,205                             | Oct. 26, 1971                           | Ito et al.                                      |   |
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Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

## FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | Translation <sup>6</sup> |
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| Smm               |                       | DE 25 07 223 A1   | Sep. 2, 1976                   |   |   | No                       |
| Smm               |                       | JP 2004-173653 A  | Jun. 24, 2004                  |   |   | Yes, Abstract only       |
|                   |                       |   |                                |   |   |                          |

## NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | Translation <sup>6</sup> |
|-------------------|-----------------------|---|--------------------------|
| Smm               |                       | ASDORNNITHEE, Somsit et al., "Isolation and Characterization of a Collagenolytic Enzyme from <i>Bacillus licheniformis</i> N22," <u>Journal of Fermentation and Bioengineering</u> , 78(4): 283-287, 1994.  |                          |
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|                   |                       | MAKINEN, Kauko K. et al., "Purification and Properties of an Extracellular Collagenolytic Protease Produced by the Human Oral Bacterium <i>Bacillus cereus</i> ." <u>The Journal of Biological Chemistry</u> , 262(26): 12488-12495, 1987.                      |                          |
|                   |                       | NAKAYAMA, Toru, "Thermostable Collagenolytic Activity of a Novel Thermophilic Isolate, <i>Bacillus</i> sp. Strain NTAP-1," <u>Journal of Bioscience and Bioengineering</u> , 89(6), 612-614, 2000.  |                          |
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|                    |                         |                 |               |
|--------------------|-------------------------|-----------------|---------------|
| Examiner Signature | <i>Suzanne M. Mayer</i> | Date Considered | 09 March 2005 |
|--------------------|-------------------------|-----------------|---------------|

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